

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1956
 1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Nov. 30 '56	Expended to Dec. 1 '56	Balance Dec. 31 '56
1. Commissioners Per Diem & Expenses	\$ 6,000.00	\$ 2,409.94	\$ 167.45	\$ 3,422.61
2. Administration	40,000.00	26,297.99	1,756.91	12,555.73
Collections and Refunds	610.63			
3. Maintenance of Dams	100,000.00	148,949.27	10,826.86	1,438.72
Collections and Refunds	61,214.85			
4. International and Interstate Commission's Conference Expenses	8,000.00	4,509.22	351.99	3,138.79
5. Topographic & Conservation Cooperation with U.S.G.S.	30,000.00	18,603.37	1,077.65	10,318.98
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00	15,000.00	3,287.37	6,712.63
7. Engineering & Geological Survey and Dem.	35,000.00	25,271.01	30.23	9,698.76
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts.	40,400.00	27,004.86	259.18	13,135.96
9. Small Projects & Investigations & Surveys	106,000.00	77,269.17	5,020.39	23,710.44
10. Water Right Investigations.	12,000.00	8,807.45	815.21	2,377.34
	<u>464,225.48</u>	<u>\$354,122.28</u>	<u>\$23,593.24</u>	<u>\$86,509.96</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1956
1953-1955 APPROPRIATIONS

Fund No.	Available July, 1955	Expended to Nov. 30 '56	Expended to Dec. 1 '56	Balance Dec. 31 '56
1. Commissioners - Per Diem & Expenses	6,000.00	\$ 5,294.61		\$ 706.29
2. Administration	40,000.00	40,111.34		120.50
Collections and Refunds	231.84			
3. Maintenance of Dams	100,000.00	156,170.17		87.62
Refunds and Deposits	56,257.79			
4. International & Interstate Commissioners' Conference Expenses	8,000.00	8,000.00		NIL
5. Topographic & Conservation Cooperation with U. S. G. S.	30,000.00	33,000.00		NIL
Transfer from 10.	3,000.00			
6. Hydrographic & Conservation Cooperation with U. S. G. S.	25,000.00	27,499.98		.02
Transfer from 10.	2,500.00			
7. Salary - State Engineer	6,000.00	6,000.00		NIL
9. Engineering & Geological Survey and Dem.	35,000.00	38,500.00		NIL
Transfer from 10.	3,500.00			
10. Cooperation with U. S. Departments and for Organizing Conservation & Irrigation Districts Less Transfers	50,000.00 9,000.00	40,935.81		64.19
11. Small Projects & Other Investigations.	100,000.00	102,399.70		136.92
Collections and Refunds	2,536.62			
	<u>\$459,026.25</u>	<u>\$457,910.71</u>		<u>\$1,115.54</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1956
 CONSTRUCTION & RECONSTRUCTION DRAINS OR IRRIGATION
 1953-1957

Appropriation Title	Available July 1, 1953	Expenditure to Dec. 31, 1956	Balance Dec. 31, 1956
Construction and Reconstruction Drains or Irrigation	<u>\$140,000.00</u>	NIL	<u>\$56,730.41</u>
	<u>\$140,000.00</u>	<u>NIL</u>	<u>\$56,730.41</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1956
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriation Title	Balance July 1, 1953	Expended	Balance December 31, 1956
Construction Bond Guaranty Fund	<u>\$70,541.00</u>	NIL	<u>\$70,541.00</u>
	<u>\$70,541.00</u>	<u>NIL</u>	<u>\$70,541.00</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
DECEMBER 31, 1956

Source of Deposits	Transit Number	Amount Deposited	Expended Dec. 31 '56	Balance Dec. 31 '56
Collections on Yellowstone Pumping Irrigation District \$3,500 Warrant. Tax collections for partial payment of interest and principal to April, 1953.				
Contributions for Ground Water Surveys:				
	501-118	\$2,235.68		\$2,235.68
Fessenden	\$1,000.00	Hunter	\$ 750.00	
Mountain	100.00	Tioga	1,000.00	
Maddock	750.00	Mohall	1,000.00	
Lakota	1,000.00	Richardton	750.00	
Rolla	750.00	Bowbells	1,000.00	
Devils Lake	7,500.00	Michigan	580.00	
Aneta	1,000.00	Wimbledon	1,000.00	
Litchville	1,000.00	Fairmount	1,000.00	
Wyndmere	1,000.00	Hope	1,000.00	
Portland	700.00	Sharon	250.00	
Kindred	1,000.00	Stanley	1,500.00	
Mylo	250.00	Upham	750.00	
Neché	300.00	Minnewaukan	1,000.00	
Transfer	.10	Streeter	1,000.00	
St. John	750.00	Powers Lake	250.00	
Hankinson	1,000.00	Landa	250.00	
Grafton	500.00	Hettinger	2,500.00	
Booklet		501-128	\$37,180.60	\$20,726.13
		501-127	2,887.57	2,002.06
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF DECEMBER 31, 1956				\$16,454.47 885.51 <u>\$19,575.66</u>

PAYROLL
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DECEMBER 31, 1956

PERMANENT EMPLOYEES

Name	Position	Pay Grade	Salary December	With Tax	N.D. Oasis	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo	State Eng-Chief Eng.	K-8	605.67	96.00		11.10	18.75	559.82	Inc June '56
Anderson, Albin	Field Engineer	F-5	354.67	54.10	7.09	4.35	6.25	282.88	Adj August '55
Baesler, Gordon	Draftsman	C-7	113.09	15.35	2.26			95.48	Inc May '56
Baranyk, Duwayne	Rodman	A-8	181.50	22.80	3.63			155.07	Start April '56
Clark, Lorraine	Bookkeeper	C-9	237.67	32.80	4.75	11.10		139.02	Inc November '56
Cooper, Vernon S.	Ass't Sec'y	K-5	551.34	61.60		11.10		478.64	Inc June '56
Flinn, Dean	Rodman	A-6	172.50	21.30	3.45			147.75	Inc November '56
Fredrickson, Fred	Planning Coordinator	D-5	252.00	15.40	5.04			231.56	Inc. August '54
Johnson, Lloyd	Construction Foreman	F-5	354.67	34.10	7.09	11.10		302.38	Inc April '56
Karch, Esther	Clerk Typist	C-5	214.67	28.50	4.29			181.88	Inc June '56
Krebsbach, Joseph	Instrumentman	E-8	322.67	28.30	6.45			287.92	Inc December '56
Putz, Roy	Material Expert	A-6	172.50	21.30	3.45	4.35		143.40	Inc June '56
Reiter, Daniel	Operator	D-5	252.00	15.40	5.04			231.56	Inc August '56
Ronning, Ole	Operator	E-8	322.67	48.30	6.45			267.92	Inc May '56
Schmitcke, Arnold	Laborer	D-5	252.00	25.40	5.04			221.56	Monthly Nov. '56
Schweigert, Luella	Chief Steno	E-3	282.67	51.10	5.65			225.92	Inc November '56
Sell, Nancy	File Clerk	B-4	181.67	22.80	3.63		18.75	136.49	Inc December '56
Sheldon, Marvin	Office Engineer	H-10	529.17	55.40		11.10		462.67	Inc May '56
Torvik, Duane	Engineer	H-4	454.17	71.00	9.08			374.09	Start June '56
Westgate, Sam	Ass't State Engr.	K-5	634.67	31.60		11.10		591.97	Inc June '56
Walterson, Howard	Operator	E-8	322.67	48.30	6.45			267.92	Inc May '56
Weigler, Victor	Engineer	G-6	421.67	57.40	3.43	11.10		344.74	Start June '56

PAYROLL
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 DECEMBER 31, 1956

TEMPORARY EMPLOYEES

Name	Position	Salary December	With Tax	N. D. OASIS	Net Pay	Remarks
Anderson, Christian	Laborer	54.00		1.08	52.92	Working by the hour
Arnold, Alvin	Laborer	48.60		.98	47.62	" " " "
Arnold, Alvin, Jr.	Laborer	76.95	9.20	1.54	66.21	" " " "
Baxter, Norman	Laborer	66.25	7.50	1.33	57.42	" " " "
Bjerke, Otto	Laborer	66.25	7.50	1.33	57.42	" " " "
Haarsager, Alfred	Laborer	252.75	33.70	5.06	208.99	" " " "
Hnutson, Lewis	Driller	242.56	32.20	4.86	205.50	" " " "
Harkuson, Benhard	Laborer	235.95	33.70	4.72	197.53	" " " "
Rufsvold, Linas	Laborer	238.43	15.20	4.77	218.46	" " " "
Thykeson, Claris	Laborer	5.63		.11	5.52	" " " "
Vik, Clarence	Laborer	5.63		.11	5.52	" " " "
Walterson, Millard	Operator	283.61	40.40	5.77	242.44	" " " "
Wigen, Paul	Laborer	54.00	.70	1.08	52.22	" " " "

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STATE WATER CONSERVATION COMMISSION
Minutes of Meeting
Held in Office of State Water Commission on
January 14, 1957.

A regular meeting of the North Dakota State Water Conservation Commission was called to order on January 14, 1957, at the State Water Conservation Commission Office in Bismarck, North Dakota, to consider routine business matters. The following were present:

MEMBERS OF THE STATE WATER CONSERVATION COMMISSION

Governor John E. Davis, Chairman
Curtis Olson, Vice Chairman, Bismarck
A. M. Christensen, Member from Minot
Earle F. Tucker, Member from Bismarck
Einar Dahl, Member from Watford City
Oscar Lunseth, Member from Grand Forks
Fred Fredrickson, Planning Coordinator, Washington, D. C.
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer
Vernon Cooper, Assistant Secretary

OTHERS PRESENT AT THE MEETING

Robert Masee, North Dakota Reclamation Ass'n., Grand Forks
Sherman A. Lindell, Associated Press, Bismarck
W. B. Allen, Grand Forks Herald, Grand Forks
W. W. Corwin, Fargo
Harry E. Polk, Williston Herald
James J. Flannery, Jamestown
Frank A. Wenstrom, Williston, North Dakota
Guy C. Thatcher, U.S.B.R., Billings, Montana
C. A. Burgtorf, Garrison District, Riverdale
T. Waara, Missouri River Division, Corps of Engineers, Omaha
Oscar Berg, Missouri Souris Projects, Minot
Rep. B. Haugland, Representative of Ward County
R. G. Harens, REA Coops Association
Hal Davies, Minot
Mr. Nicholiason, Granville

The meeting was called to order at 9:45 A.M. by Governor Davis with Commissioners Curtis Olson, A. M. Christensen, Earle F. Tucher, Einar Dahl, Oscar Lunseth, Planning Coordinator Fred Fredrickson, Secretary Milo W. Hoisveen and Assistant Secretary Vernon Cooper present.

It was moved by Commissioner Christensen and seconded by Commissioner Tucker that the minutes of the December 14th meeting be approved, and that the reading thereof be dispensed with. All members voted aye and said motion carried.

It was moved by Commissioner Tucker and seconded by Commissioner Einar Dahl that the Financial Statement for December, 1956, be approved and filed in the office of the State Water Conservation Commission. All members voted aye and said motion carried.

Commissioner Olson recommended that a new Vice Chairman be appointed in view of the fact that he has been elected to the office of State Auditor and will be subject to call from time to time and will of necessity not be able to sit in on entire meetings. It was moved by Commissioner Einar Dahl and seconded by Commissioner Christensen that Commissioner Tucker be appointed the new Vice Chairman of the State Water Conservation Commission. All members voted aye and said motion carried.

The following resolution was presented by Secretary Hoisveen establishing the Sargent County Water Conservation and Flood Control District:

RESOLUTION GRANTING PETITION OF SARGENT COUNTY,
NORTH DAKOTA, REQUESTING CREATION OF A WATER
CONSERVATION AND FLOOD CONTROL DISTRICT EMBRAC-
ING WITHIN ITS BOUNDARIES THE ENTIRE COUNTY.

WHEREAS, Sargent County, North Dakota, acting by and through its Board of County Commissioners, did on the 2nd day of October, 1956, file with the State Water Conservation Commission a petition requesting the establishment of a water conservation and flood control district embracing within its boundaries all of Sargent County; and

WHEREAS, the petition of Sargent County was accompanied by a certified copy of a resolution adopted by the Board of County Commissioners thereof, authorizing and directing the filing of such petition; and

WHEREAS, the report of the Chief Engineer of this Commission, based on his investigation of periodical flooding of farm lands in the various watershed areas within the county, and information given at a public hearing held in the County Commissioners' Room of the Sargent County Court House in the City of Forman, on the 20th day of December, 1956, after due notice thereof, discloses that valuable farm lands in various watershed areas of the County have been periodically damaged by the flooding of streams therein, and also because of inadequate drainage of surface waters produced by melting snows in the spring of each year and heavy rainfall throughout the growing season.

NOW, THEREFORE, BE IT RESOLVED by the State Water Conservation Commission in meeting assembled on this 14th day of January, 1957, that the petition of Sargent County, North Dakota, requesting the establishment of a water conservation and flood control district comprising all of the county, be and the same is hereby approved, and that the Chairman and Secretary of the Commission are directed to execute its Order establishing such water conservation and flood control district, the boundaries whereof shall be commensurate with the territorial limits of the County, and designating said district as Sargent County Water Conservation and Flood Control District.

It was moved by Commissioner Olson and seconded by Commissioner Christensen that said Resolution be adopted. All voted aye and said motion was unanimously carried.

Secretary Hoisveen presented the Interim Report on water right studies. This report contains the water right status of all water rights as investigated by the Commission. It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that said report be approved, with the following exceptions:

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It was recommended by Commissioner Lunseth that mention be made of groundwater studies in the report.

It was moved by Commissioner Christensen and seconded by Commissioner Einar Dahl that the Commission recommend to the Legislature that water right filing fees be increased as follows: \$20.00 for individual irrigation applicants, \$50.00 for cities under 2500 in population, \$100.00 for cities over 2500 in population and \$100.00 for industrial water right applicants. All Commissioners voted aye and said motion carried. It was further moved by Commissioner Tucker and seconded by Commissioner Christensen that legislation be proposed whereby the advertising period be reduced to run every other week for two weeks, the cost of which is to be borne by the applicant. Motion carried.

One recommendation contained in the report was the repeal of Section 61-0402 of the North Dakota Revised Code of 1943. Assistant Secretary Cooper suggested that this section be revised and that the portion referring to sprinkler systems be deleted. Commissioner Lunseth suggested that a penalty clause be included in the legislation to give it the desired effect.

The priority of water use was discussed by the Commissioners. It was felt that this should be clarified and that Messrs. Fredrickson, Acker and Secretary Hoisveen be instructed to prepare proper legislation in this regard. It was also suggested that the recommended renewal period for water rights be extended to ten years.

Mr. Fredrickson urged that the water code be revised. He stated that there are many new terms which are not defined in our laws and that in many respects the laws were not adequate. He emphasized the importance of recodifying the water laws and, if possible, recommended that they be revised. It was generally agreed that a foundation should be laid as to water laws in view of their increasing importance.

In accordance with the prescribed procedure in the Interim Water Report, it was suggested that proper legislation be prepared to compel Federal agencies to file a plan of operation with the State Water Conservation Commission each year.

Commissioner Christensen moved that the report be approved with the above amendments, which motion was seconded by Commissioner Lunseth. All Commissioners voted aye and said motion carried.

At 11:00 o'clock P.M. the following gentlemen entered the meeting: Messrs. Lindell, Allen, Corwin, Polk, Flannery, Wenstrom, Thatcher, Burgdorf, Warra, Berg, Harens, Davies and Nicholiason and Representative B. Haugland. Secretary Hoisveen had requested the Corps of Engineers to be present at the meeting to discuss their proposal to lower the minimum operating pool level from elevation 1838 to elevation 1832. Mr. Tim Warra of the Omaha Division of the Corps of Engineers illustrated by use of a chart, the various fillings of mainstem reservoirs. A copy of his presentation is on file.

Numerous questions were then asked of Mr. Warra. Mr. Fredrickson inquired if the operation of the pool between 31.5 and 31.8 adversely affected the maximum power generation. Mr. Warra replied that it did and that the 1825 level is the level required to obtain the 400,000 k.w. installed capacity. More energy can be obtained if the pool was higher. Power benefits are lost if the level is kept low. Mr. Warra was then asked how this would fit in with the timing of Units #4

and #5 to which he replied that Units #4 and #5 are scheduled for 1959 and early 1960. Secretary Hoisveen stated that North Dakotans were keenly interested in the Garrison Diversion Project and would like to see the power head built up as rapidly as possible in place of permitting the water to go downstream in the summer months. He suggested that it be stored so that it could be utilized in generating more firm power which would enhance the ability to obtain irrigation projects. Mr. Warra stated that he understood Secretary Hoisveen's position but that the Corps of Engineers was responsible for doing what the project was authorized for. Commissioner Christensen asked how the river level compared to that of a year ago and Mr. Warra replied that it was about three feet over that of a year ago. Mr. Masee asked if the cost of pumping into Snake Creek arm is going to enter in and if the cost would be increased of pumping into the Snake Creek arm as they lower the level. Mr. Warra replied that this was correct and that it has been considered to the extent that it enters into the feasibility of the whole diversion project.

Secretary Hoisveen stated that for sewage abatement and for municipal needs this would amount to about 8500 c.f.s. and Mr. Warra said that this would vary with the seasons of the year, possibly requiring additional releases during the summer months.

Mr. Oscar Berg asked if they planned to keep the draw down or some restoration and Mr. Warra stated that they plan some restoration.

Commissioner Christensen then asked if anything was being done to encourage large southern cities to put in sewage facilities. Mr. Warra advised that there has and that Kansas City has definite plans and in 1959 plans to be under construction and in Omaha considerable pressure has been put on.

Secretary Hoisveen stated that he thought it would be good sound economics to build up the pool level for higher generation and by building up these levels more power could be generated, and the needs of the heavy water using interests could be satisfied at a later date, thus providing multiple purpose benefits. Mr. Warra replied by saying that by law they have certain responsibilities to navigation and suggested that it be looked on as a big irrigation development program and must be developed, and would not be a paying proposition during the pioneering stage.

Assistant Secretary Cooper inquired if more water was in storage now than was in storage in Ft. Peck before the other mainstem dams were built and Mr. Warra replied that there was slightly more. Ft. Peck is at six and a quarter million and the minimum is four and one-half million. Mr. Berg asked what the maximum inflow has been to Ft. Peck. Mr. Warra stated that it was approximately ten to twelve million.

Commissioner Christensen moved the adoption of the following resolution pertaining to the Little Missouri Compact, which motion was seconded by Commissioner Lunseth. Motion carried.

RESOLUTION ON LITTLE MISSOURI RIVER BASIN
COMPACT ADOPTED BY NORTH DAKOTA STATE
WATER CONSERVATION COMMISSION. January 14, 1957.

WHEREAS, S.3417, 84th Congress, 2nd Session, cosponsored by Senators Milton R. Young and William Langer of North Dakota, James E. Murray and Michael J. Mansfield of Montana, Karl E. Mundt and Francis Case of South Dakota, and Frank

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A. Barrett and Joseph C. O'Mahoney of Wyoming, and introduced March 12, 1956; and H.R. 9876 sponsored by Congressman Otto Krueger of North Dakota, and introduced the same date, provided for "Granting the consent of Congress to the States of Montana, North Dakota, South Dakota, and Wyoming to negotiate and enter into a compact relating to their interest in, and the apportionment of, the waters of the Little Missouri River and its tributaries as they affect such States, and for related purposes"; and

WHEREAS, S.3417 was considered and favorably recommended for passage with amendments by the Senate Committee on Interior and Insular Affairs, reported out July 12, 1956, (S. Rept.2531), and amended and passed by the Senate July 16, 1956; and

WHEREAS, the Committee on Interior and Insular Affairs of the House of Representatives to whom was referred H.R. 9876, and also S. 3417 as passed by the Senate, did not, for lack of time, hear or consider the said bills, although there appeared to be no objection thereto;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that the form and substance of the aforesaid bills are approved; and

BE IT FURTHER RESOLVED that the sponsors thereof are hereby individually commended for their assistance and cooperation in behalf of the proposed legislation, and they are respectfully requested to sponsor, introduce, and seek enactment of legislation as proposed by said S.3417, as amended and passed by the Senate, in the 85th Congress; and

BE IT FURTHER RESOLVED that the 35th North Dakota Legislative Assembly is hereby requested to enact an appropriate Resolution favoring such legislation and urging the Congress to enact the same; and

BE IT FURTHER RESOLVED that a copy hereof be mailed to each of the sponsoring Senators herein first mentioned, to Congressman Krueger, to the President of the State Senate, the Speaker of the State House of Representatives, and to each member of the North Dakota Legislature, now in session.

Commissioner Einar Dahl moved the adoption of the following resolution, urging the Corps of Engineers to expedite the Scranton Flood Protective project, which motion was seconded by Commissioner Tucker. Motion carried.

RESOLUTION ON SCRANTON FLOOD PROTECTION PROJECT ADOPTED BY NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JANUARY 14, 1957.

WHEREAS, the Secretary of the Army, under the supervision of the Chief of Engineers, Corps of Engineers, pursuant to section 212 of the 1950 Flood Control Act, is authorized to approve and prosecute construction of certain works of improvement for local flood protection not requiring specific legislation; and

WHEREAS, the District Engineer, Corps of Engineers, Omaha, Nebraska, has formulated a plan of improvement for controlling floods on Buffalo Creek in the vicinity of Scranton, Bowman County, North Dakota; and

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WHEREAS, such proposed plan of improvement was approved, more than seven months ago, by the board of commissioners of the Bowman County water conservation and flood control district, the legal public entity sponsoring the improvement project, and by the City of Scranton, the community most affected by the recurring floods on said stream; and

WHEREAS, problems relating to certain features of local cooperation and participation await negotiated agreement by local officials and other interests;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that all officials, individuals, and agencies, charged with the settling of the problems in connection with local cooperation and participation in the proposed flood protection project on Buffalo Creek, near Scranton, North Dakota, be and they are hereby urged to speedily resolve the same, to the end that the final project report may be submitted with the least possible delay to the Secretary of the Army for his action thereon; and

BE IT FURTHER RESOLVED, that the thirty-fifth Legislative Assembly of the State of North Dakota be and it is requested to enact an appropriate Resolution favoring said project and urging an early settlement of the problems involved in the local cooperation and participation; and

BE IT FURTHER RESOLVED, that a copy hereof be delivered to the President of the State Senate, to the Speaker of the State House of Representatives, and to each of the members of the legislature, now in session, and that copies be mailed to U.S. Senators William Langer and Milton R. Young, and Congressmen Usher L. Burdick and Otto Krueger.

Commissioner Christensen moved the adoption of the following resolution pertaining to the Bowman-Haley Dam, which motion was seconded by Commissioner Tucker. Motion carried.

RESOLUTION ON BOWMAN-HALEY PROJECT ON
NORTH FORK, GRAND RIVER, NORTH DAKOTA
ADOPTED BY NORTH DAKOTA STATE WATER
CONSERVATION COMMISSION. January 14, 1957

WHEREAS, recurring floods on the North Fork of the Grand River, North Dakota, have caused heavy damage to agricultural lands, improvements thereon and livestock for more than 50 years; and

WHEREAS, such flood waters are vitally needed for beneficial purposes in the area and should be stored and conserved for later use as needed; and

WHEREAS, investigations and surveys by the Bureau of Reclamation and Corps of Engineers have been carried on spasmodically in the basin for the past half century, without any favorable results to this time, the last activity being a hearing conducted by the District Engineer, Omaha District, Corps of Engineers, U.S. Army, in the City of Bowman, North Dakota, on August 28, 1956;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that the said Corps of Engineers be, and it is hereby, urged to develop a report with recommendations for construction of the Bowman-Haley Dam and reservoir near Haley, North Dakota; and

BE IT FURTHER RESOLVED that the 35th North Dakota Legislative Assembly be requested to enact an appropriate resolution favoring the construction of such project and urging the Corps of Engineers to expedite the completion of a favorable report thereon; and

BE IT FURTHER RESOLVED that a copy hereof be delivered to the President of the State Senate, the Speaker of the House, to each member of the State Legislature, now in session, and mailed to each of Senators William Langer and Milton R. Young, and Representatives Usher L. Burdick and Otto Krueger.

Commissioner Christensen moved the adoption of the following resolution pertaining to the Pipestem Creek Dam, which motion was seconded by Commissioner Lunseth. Motion carried.

RESOLUTION ON PIPESTEM CREEK DAM AND RESERVOIR ADOPTED BY NORTH DAKOTA STATE WATER CONSERVATION COMMISSION. January 14, 1957.

WHEREAS, the need for improved management of our water resources -- for controlling floods, providing municipal, industrial and agricultural water supplies, generating hydro-power, creating recreational opportunities, propagating fish and wildlife, and for other uses -- increases with each passing year; and

WHEREAS, the Pipestem Creek, a tributary of James River, is a stream with recurring floods, whose waters, if impounded, would greatly benefit, instead of damage, the affected areas; and

WHEREAS, the Garrison District, Corps of Engineers, U. S. Army, under authority of a Resolution by the Committee on Flood Control, House of Representatives, adopted November 10, 1943, submitted an interim report on investigations and surveys for the control of floods thereon at Jamestown, North Dakota, on March 2, 1954, which report with recommendations for improvement of Pipestem Creek was unacceptable to local interests meeting to hear and consider the same; and

WHEREAS, a re-examination, restudy and review of said report and additional investigations of the subject basin are needed, for which the 2nd Session of the 84th Congress provided funds;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that the said Corps of Engineers be, and it is hereby, urged to restudy, re-examine, and review the previous report and consider all subsequent factors affecting the basin with a view of developing a report thereon supporting recommendations for the construction of a dam and reservoir on Pipestem Creek a few miles northwest of the City of Jamestown, North Dakota, for the prevention of floods, the conservation and storage of water, and for other purposes; and

BE IT FURTHER RESOLVED that the 35th North Dakota Legislative Assembly be requested to enact an appropriate resolution favoring the construction of such project and urging the Corps of Engineers to expedite the completion of a favorable report thereon; and

BE IT FURTHER RESOLVED that a copy hereof be delivered to the President of the North Dakota Senate, the Speaker of the House, to each member of the State Legislature, now in session, and mailed to each of Senators William Langer and Milton R. Young, and representatives Usher L. Burdick and Otto Krueger.

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Commissioner Lunseth moved the adoption of the following resolution pertaining to the Pembina River Dam, which motion was seconded by Commissioner Tucker. Motion carried.

RESOLUTION ON PEMBINA RIVER DAM AND
RESERVOIR PROJECT ADOPTED BY NORTH
DAKOTA STATE WATER CONSERVATION
COMMISSION. January 14, 1957.

WHEREAS, the proposed dam and reservoir project on the Pembina River, near Walhalla, North Dakota, has been under restudy, re-examination and review by the District Engineer, St. Paul District, Corps of Engineers, U.S. Army, for several years, with a view of finding a more favorable benefit-to-cost ratio to better justify recommendations for its accomplishment; and

WHEREAS, there appears to be potential irrigable areas of up to 25,000 acres, or more, susceptible of development in connection with such project, and there are additional benefits, both direct and indirect, which have not been, but should be, considered in the evaluation thereof, all of which would substantially improve and increase the economic feasibility of the project;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that the said Corps of Engineers be, and it is hereby urged to consider every possible benefit which can be reasonably expected to accrue from the construction of the project, in order that its costs can be economically justified; and

BE IT FURTHER RESOLVED, that the Thirty-Fifth Legislative Assembly of the State of North Dakota be requested to enact an appropriate resolution favoring the construction of the said project and urging the Corps of Engineers to expedite the development and completion of a favorable benefit cost report thereon; and

BE IT FURTHER RESOLVED, that copies hereof be delivered to the President of the State Senate, the Speaker of the House, to each member of the Legislature, and mailed to Senators William Langer and Milton R. Young, and Representatives Usher L. Burdick and Otto Krueger.

Commissioner Lunseth moved the adoption of the following resolution pertaining to LacAux Mortes (Lake Alice), Lakes Irvine, Dry and Sweetwater, Mauvais Coulee and contributing watersheds in Ramsey, Benson and Towner Counties, which motion was seconded by Commissioner Christensen. Motion carried.

RESOLUTION ON LAC AUX MORTES (LAKE ALICE),
LAKES IRVINE, DRY, AND SWEETWATER, MAUVAIS
COULEE, AND CONTRIBUTING WATERSHEDS IN
RAMSEY, BENSON AND TOWNER COUNTIES ADOPTED
BY NORTH DAKOTA STATE WATER CONSERVATION
COMMISSION. January 14, 1957.

WHEREAS, recurring flooding of Lac Aux Mortes (Lake Alice), operated as a National Wildlife Refuge, Lakes Irvine, Dry and Sweetwater, Mauvais Coulee, and in contributing watersheds of Ramsey, Benson, and Towner counties, North Dakota, annually cause heavy damage to agricultural lands in the affected areas; and

WHEREAS, the Corps of Engineers, U.S. Army, through its St. Paul District, has carried on investigations, surveys, and studies thereon during the past two years, with a view of formulating plans of improvement for the protection from such floods, together with estimates of costs thereof, for which funds totalling \$60,000 have been and are being made available by the Congress;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting in the State Capitol, Bismarck, North Dakota, January 14, 1957, that the Commission favors and supports the investigational activities of the Corps of Engineers on Lac Aux Mortes (Lake Alice), Lakes Irvine, Dry, and Sweetwater, Mauvais Coulee and the contributing watersheds in the counties of Ramsey, Benson, and Towner, and urges the Corps of Engineers to complete such investigations and surveys, and develop a report thereon with recommendations for a plan of flood protection at the earliest possible date; and

BE IT FURTHER RESOLVED, that the thirty-fifth Legislative Assembly of the State of North Dakota, be and it is requested to enact an appropriate Resolution favoring such project for flood prevention, and urging an early report thereon with recommendation for a feasible plan of protection from such floods; and

BE IT FURTHER RESOLVED, that a copy hereof be delivered to the President of the State Senate, the Speaker of the State House of Representatives, and to each member of the Legislature, now in session, and that copies hereof be mailed to the District Engineer, St. Paul District, Diversion Engineer, Chicago, Illinois, and to each of U. S. Senators William Langer and Milton R. Young, and Congressmen Usher L. Burdick and Otto Krueger.

Mr. Robert Masee of the North Dakota Reclamation Association presented a proposed bill providing for a continuing fund with which the State Water Conservation Commission could participate in the investigation, planning and construction of projects. Special reference was made to the Small Irrigation Projects program under the bill recently enacted by the Congress. The Commission was not asked to take any formal action but Mr. Masee and other interested groups merely wished to advise the Commission to ascertain if there was any objection to the introduction of such legislation.

Commissioner Tucker made mention of the surplus in the funds of the North Dakota Rural Rehabilitation Corporation, of which he is a member, and stated that they would be loaning money and would possibly be able to assist in the construction of some of these projects. Commissioner Tucker was of the opinion that loans to projects to be constructed under the Small Projects Bill would be very desirable as the local sponsor would be required to pay for 25% of the project as soon as constructed.

Mr. Masee was assured that the members of the Commission would not oppose the proposed bill. It was comparable to legislation enacted since 1943.

Governor Davis read a resolution passed by the County Commissioners Association at their 50th Annual Convention endorsing the early construction of the facilities of the Garrison Diversion Unit and the appropriation of funds for this purpose. Copies of this resolution were forwarded to our Representatives and Senators in Congress, the Secretary of the Interior, the Commissioner of Reclamation, Governor Davis, Members of the 35th Legislative Assembly, the Board of Directors of the Garrison Diversion Conservancy District and the North Dakota State Water Conservation Commission.

Dr. Wilson Laird, State Geologist, and Mr. Joe Brookhart of the U.S.G.S. Groundwater Branch, entered the meeting at 1:45 P.M. to discuss their program. The U.S.G.S. supervises all matters pertaining to groundwater studies and has been extra-ordinarily successful in finding underground water supplies for municipalities. In this connection they have used the drilling rig owned by the Commission. Dr. Laird stated that he felt they have been remiss in their studies by concentrating on individual towns and that he felt more time should be devoted to regional studies in given areas to determine what the underground water situation is in that area. He felt that this would be important to any municipality and would be most useful to know about in connection with the location of industrial plants which require considerable water. Dr. Laird recommended that 50% of the appropriations and half of their time be spent on regional studies. Secretary Hoisveen was in accord with Dr. Laird's feelings on this matter, if it did not impair taking care of the immediate needs of municipalities but averred that 25% local sponsor participation may be difficult to obtain. Mr. Brookhart stated that in his reports it is sometimes difficult to justify expenditure to the federal interest in each study if the surveys are not conducted on a county-wide basis. It would be more satisfactory to the federal sponsor if this were accomplished on a county-wide basis.

Dr. Laird requested the Commission to go on record authorizing them to finish the area around Wahpeton. The Commission members expressed a desire to have Dr. Laird and Chief Engineer Hoisveen work out any details required on the Wahpeton survey. Hoisveen introduced a proposal whereby a greater amount of federal funds could be obtained in conjunction with our U.S.G.S. surveys by showing a percentage of our administrative funds as a part of our state participation, as follows:

\$402,400	Total 1955-1957 Appropriation
40,000	Allowance for Administration
6,000	Per diem chargeable to Administration
46,000	Total Administration

U.S.G.S. Hydrographic	\$25,000 x 114.31	\$28,577
U.S.G.S. Topographic	30,000 x 114.31	34,293
U.S.G.S. Groundwater	35,000 x 114.31	40,008
	<u>\$90,000</u>	<u>\$ 102,878</u>

Federal participation would be increased by \$12,878.

The Commission was favorable to listing and showing our administrative costs on the above basis or in accordance with any adjustment that may be desirable. The schedule will be revised in accordance with appropriations received on the above item.

It was moved by Commissioner Tucker and seconded by Commissioner Lunseth that Messrs. Fredrickson, Acker and Hoisveen prepare proper legislation to be presented to the present legislature amending the irrigation district laws. Motion carried.

Mr. Fredrickson reported that he had checked with Mr. Acker and Mr. Dahner of the Legislative Research Committee in regard to a revision of our water laws and was advised that the probable cost would run \$12,000 to \$15,000 and that it would take two to three years to complete the same. Secretary Hoisveen was authorized to request that an item be included in the appropriations so that work can begin on the revision of the water laws as soon as possible.

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Secretary Hoisveen stated that the Commission has been requested by the Greater North Dakota Association to display their exhibit at a clothiers convention at Minneapolis on January 26 and 27, 1957, which will be held at the Radisson Hotel. It was moved by Commissioner Christensen and seconded by Commissioner Tucker that this request be granted. Upon roll call all members voted aye and said motion carried.

Secretary Hoisveen stated that the Commission is in need of a new crane and would like authorization to purchase a mobile crane. It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that bids be called for the purchase of a mobile crane and that the old one be turned in on the new one. Upon roll call all members voted aye and said motion carried.

Assistant Secretary Cooper discussed the status of the Series J bond issue of the State Water Conservation Commission. He stated that the Commission's Series J bond issue would become due in December 1957. He pointed out that at the present time there is \$78,984.14 in the sinking fund on deposit with the Bank of North Dakota and in addition the Sioux Irrigation District bonds the Commission is holding in the amount of \$20,500.00 has been pledged as additional collateral for the Commission's Series J bond issue. The sinking fund contains \$19,459.00 which was taken from the Commission's construction bond guarantee fund at the time the original bond issues were made so as to provide the collateral necessary to obtain a favorable interest rate on those bond issues. He stated that it would be necessary for the Commission to reimburse this fund from the excess funds from the sinking fund when the Commission's Series J bond issue is retired. On December 10, 1957, there will not be ample funds in the sinking fund to redeem the Commission's Series J bond issue and reimburse the construction bond guarantee fund fully as to bring it to its original amount. However, within a few years after the retirement of the Commission's Series J bond issue, sufficient Sioux Irrigation District bonds and interest from these bonds will be available to reimburse this fund fully. There still will be approximately \$18,000 to \$20,000 additional revenue that will be forthcoming from the Sioux Irrigation District bonds, the disposition as to which the Commission will have to decide. He suggested that the Commission authorize the Secretary to obtain an opinion from the Attorney General as to the proper manner in handling this surplus revenue.

It was moved by Commission Christensen and seconded by Commissioner Tucker that \$50.00 be forwarded to the National River and Harbors Congress in payment of 1957 dues. Upon roll call all members voted aye and said motion carried.

Commissioner Tucker advised the Commission that the Harke land matter has now been cleared up. The remaining amount of money involved had been deposited with the Burleigh County Clerk of Court and the same has now been turned over to A.C. Harke. The City of Bismarck is now requesting this land. It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that this land be sold to the City of Bismarck for the sum approximating \$300.00, which is the amount it originally cost the Commission. Upon roll call all members voted aye and said motion carried.

Secretary Hoisveen read a telegram which he had received from the South Dakota Reclamation Association requesting him to speak at a program scheduled for Pierre on January 16th. He stated that it was impossible for him to attend this meeting but that Assistant Secretary Cooper would attend and discuss the North Dakota Water Conservancy Law.

Commissioner Christensen moved that Secretary Hoisveen be authorized to attend the National Reclamation Board meeting to be held at Washington, D. C., January 23-25, which motion was seconded by Commissioner Einar Dahl. Upon voice vote all members voted aye and said motion carried.

The matter of negotiating a compact on the James, Little Missouri and Grand River was discussed by the Commissioners. Secretary Hoisveen was instructed to endeavor to secure the authorization for such compacts.

A letter from Senator Young was read pertaining to the Lewis and Clark project. Secretary Hoisveen stated that he plans to take the matter of getting siphons placed under Highway #85 up with Colonel Pine and discuss the same with him. The Corps had shown reluctance to maintain the irrigation project east of Highway #85. A later report will be given.

A letter from the Ottetail Power Company dated December 13, 1956, was read by Secretary Hoisveen. Secretary Hoisveen stated that he had previously written them advising them of the groundwater data that had been developed in the Oakes area in view of the fact that they at one time had appeared before the Commission and expressed an interest in that area. Mr. Cowles of the Ottetail Power Company was highly appreciative of the information and stated that they had not dropped their study of the underground water potential in the James River Valley so far as future power plants are concerned.

Secretary Hoisveen read a letter from the Honorable Fred A. Seaton, Secretary of the Interior, dated December 26, 1956. This letter was in response to one written him urging him to expedite the report of the Garrison Diversion Unit. Secretary Seaton stated that everything possible was being done to complete the report at the earliest practicable time, and that he was not able to say whether or not this delay would make it difficult, if not impossible, to secure appropriations during the forthcoming session of the Congress.

It was reported by Secretary Hoisveen that the Cass County Commissioners have requested assistance in correcting a water situation on the Sheyenne River. The Sheyenne River is eroding a bank and is endangering a farmstead. Commissioner Einar Dahl moved that Mr. S. S. Westgate, assistant State Engineer, investigate this situation and that the State Water Conservation Commission give them all technical assistance needed. Commissioner Earle Tucker seconded said motion. Motion carried.

Commissioner Lunseth moved that Commissioner Einar Dahl represent the State Water Conservation Commission at a Missouri Basin Inter-Agency meeting with the Missouri Basin group at Vicksburg, Mississippi, which motion was seconded by Commissioner Christensen. Upon voice vote all members voted aye and said motion carried.

It was generally agreed by all of the Commissioners that the exhibit of the State Water Conservation Commission should be placed on exhibit in the lobby opposite the entrance to the Governor's office. This will be done.

Commissioner Christensen moved that the application of Montana-Dakota Utilities, Kincaid Plant, (689b), for a water right to divert 179 acre feet of water from groundwater sources be granted, which motion was seconded by Commissioner Einar Dahl, Motion carried.

Commissioner Einar Dahl moved that action on the water right application of Lester Friese be deferred until it is determined as to whether or not the development farm planned by the Bureau of Reclamation is located in that area, which motion

was seconded by Commissioner Tucker. Motion carried.

Commissioner Tucker moved that the water right application of the City of Casselton to divert 2190 acre feet of water from Swan Creek be granted, which motion was seconded by Commissioner Christensen. Motion carried.

Secretary Hoisveen stated that he has checked the dam design in conjunction with the Tongue River watershed and finds it suitable. The Soil Conservation Service must have Commission approval before they can continue the project and condemn property. Commissioner Christensen moved that such approval be given, which motion was seconded by Commissioner Lunseth. Motion carried.

A letter from Ken McIntyre was read to the Commission members by Commissioner Lunseth. Mr. McIntyre expressed appreciation for Commission assistance and enclosed a letter addressed to Col. Rohde itemizing work which has not been satisfactorily done.

The meeting adjourned at 3:30 P.M.

Milo W Hoisveen
Secretary

Attest

John E. Davis
Governor

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1957
1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Dec 31 '56	Expended to Jan 1, 1957	Balance Jan 31 '57
1. Commissioners Per Diem & Expenses	6,000.00	2,577.39	753.22	2,669.39
2. Administration	40,000.00	28,054.90	2,332.39	10,223.34
Collections and Refunds	510.63			
3. Maintenance of Dams	100,000.00	159,776.13	4,784.55	7,038.47
Collections and Refunds	71,599.15			
4. International and Interstate Commission's Conference Expenses	8,000.00	4,861.21	143.50	2,995.29
5. Topographic & Conservation Cooperation with U.S.G.S.	30,000.00	18,603.37	1,077.65	10,318.98
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00	15,000.00	3,287.37	6,712.63
7. Engineering & Geological Survey and Dem	35,000.00	25,301.24	1,030.78	8,667.98
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts	40,400.00	27,264.04	1,488.19	11,647.77
9. Small Projects & Investigations & Surveys	106,000.00	82,289.56	3,879.17	19,831.27
10. Water Right Investigations	12,000.00	9,622.66	495.87	1,881.47
	<u>474,022.66</u>	<u>373,350.50</u>	<u>19,272.69</u>	<u>81,986.59</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1957
 1953-1955 APPROPRIATIONS

Fund No.	Available July, 1955	Expended to Dec 31 '56	Expended to Jan 1 '57	Balance January 31, 1957
1. Commissioners - Per Diem & Expenses	6,000.00	5,293.71		482.51
2. Administration	40,000.00	40,111.34		120.50
Collections and Refunds	231.84			
3. Maintenance of Dams	100,000.00	156,170.17		87.62
Refunds and Deposits	56,257.79			
4. International & Interstate Commission's Conference Expenses	8,000.00	8,000.00		NIL
5. Topographic & Conservation Cooperation with U.S.G.S.	30,000.00	33,000.00		NIL
Transfer from #10	3,000.00			
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00	27,499.98		.02
Transfer from #10	2,500.00			
7. Salary - State Engineer	6,000.00	6,000.00		NIL
9. Engineering & Geological Survey and Dem	35,000.00	38,500.00		NIL
Transfer from #10	3,500.00			
10. Cooperation with U. S. Departments and for Organizing Conservation & Irrigation Districts. Less Transfers	50,000.00 9,000.00	40,935.81		64.19
11. Small Projects & Other Investigations	100,000.00	102,399.70		136.92
Collections and Refunds	2,536.62			
	<u>\$459,026.25</u>	<u>\$457,910.71</u>		<u>\$2,115.54</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1957
 CONSTRUCTION & RECONSTRUCTION DRAINS OR IRRIGATION
 1953-1957

Appropriation Title	Available July 1, 1953	Expenditure to January 31, 1957	Balance Jan. 31, 1957
Construction and Reconstruction Drains or Irrigation	<u>\$140,000.00</u>	<u>\$90,121.47</u>	<u>\$49,878.53</u>
	<u>\$140,000.00</u>	<u>\$90,121.47</u>	<u>49,878.53</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1957
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriation Title	Balance July 1, 1953	Expended	Balance January 31, 1957
Construction Bond Guaranty Fund	<u>\$70,541.00</u>	<u>NIL</u>	<u>\$70,541.00</u>
	<u>\$70,541.00</u>	<u>NIL</u>	<u>\$70,541.00</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
JANUARY 31, 1957

Source of Deposits	Transit Number	Amount Deposited	Expended Jan 31 '57	Balance Jan 31 '57
Collections on Yellowstone Pumping Irrigation District \$3,500 Warrant. Tax collections for partial payment of interest and principal to April, 1953.				
Contributions for Ground Water Surveys:	501-118	\$2,235.68		\$2,235.68
Fessenden \$1,000.00	Hunter	\$ 750.00		
Mountain 100.00	Tioga	1,000.00		
Maddock 750.00	Mohall	1,000.00		
Lakota 1,000.00	Richardton	750.00		
Rolla 750.00	Bowbells	1,000.00		
Devils Lake 7,500.00	Michigan	580.00		
Aneta 1,000.00	Wimbledon	1,000.00		
Litchville 1,000.00	Fairmount	1,000.00		
Wyndmere 1,000.00	Hope	1,000.00		
Portland 700.00	Sharon	250.00		
Kindred 1,000.00	Stanley	1,500.00		
Mylo 250.00	Upham	750.00		
Nече 300.00	Minnewaukan	1,000.00		
Transfer .10	Streeter	1,000.00		
St. John 750.00	Powers Lake	250.00		
Hankinson 1,000.00	Landa	250.00		
Grafton 500.00	Hettinger	2,500.00		
Booklet	501-128	\$37,180.60	\$20,726.13	\$16,454.47
	501-127	\$ 2,887.57	\$ 2,002.06	\$ 885.51
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JANUARY 31, 1957				<u>\$19,575.66</u>

PAYROLL
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JANUARY 31, 1957

PERMANENT EMPLOYEES

Name	Position	Pay Grade	Salary January	With Tax	N. D. OASIS	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo	State Eng-Chief Eng	K-8	685.67	96.00	13.71	11.10	18.75	546.11	Inc. June, 1956
Anderson, Albin	Field Engineer	F-5	354.67	54.10	7.09	4.35	6.25	282.88	Adj. August, 1955
Baesler, Gordon	Draftsman	C-7	118.87	11.20	2.38			105.29	Inc. May, 1956
Baranyk, Duwayne	Rodman	A-8	181.50	22.80	3.63			155.07	Start April, 1956
Clark, Lorraine	Bookkeeper	C-9	122.67	16.93	2.45			103.29	Quit December 31 '56
Cooper, Vernon S.	Ass't Sec'y	I-7	551.34	49.00	11.03	11.10		480.21	Inc. June, 1956
Flinn, Dean	Rodman	A-6	172.50	21.30	3.45			147.75	Inc. November, 1956
Fredrickson, Fred	Planning Coordinator	D-5	252.00	15.40	5.04			231.56	Inc. August, 1954
Johnson, Lloyd	Construction Foreman	F-5	354.67	34.10	7.09	11.10		302.38	Inc. April, 1956
Karch, Esther	Clerk Typist	C-5	214.67	28.50	4.29			181.88	Inc. June, 1956
Krebsbach, Joseph	Instrumentman	E-8	322.67	28.30	6.45			287.92	Inc. December, 1956
Putz, Roy	Material Expert	A-6	172.50	21.30	3.45	4.35		143.40	Inc. June, 1956
Reiter, Daniel	Operator	D-5	252.00	15.40	5.04			231.56	Inc. August, 1956
Robinson, Ione	Clerk Typist	A-3	61.93	8.94	1.24			51.75	Start January, 1957
Ronning, Ole	Operator	E-8	322.67	48.30	6.45			267.92	Inc. May, 1956
Schmitcke, Arnold	Laborer	D-5	252.00	15.40	5.04			231.56	Monthly November '56
Schweigert, Luella	Chief Steno	E-5	298.67	54.00	5.97			238.70	Inc. January, 1957
Sell, Nancy	Bookkeeper	B-7	196.67	25.60	3.93		18.75	148.39	Inc. January, 1957
Sheldon, Marvin	Office Engineer	H-10	529.17	55.40	10.58	11.10		452.09	Inc. May, 1956
Torvik, Duane	Engineer	H-4	454.17	71.00	9.08			374.09	Start June, 1956
Westgate, Sam	Ass't State Engineer	K-5	634.67	31.60	12.69	11.10		579.28	Inc. June, 1956
Walterson, Howard	Operator	E-8	322.67	48.30	6.45			267.92	Inc. May, 1956
Zeigler, Victor	Engineer	G-6	421.67	57.40	8.43	11.10		344.74	Start June, 1956

PAYROLL
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 JANUARY 31, 1957

TEMPORARY EMPLOYEES

Name	Position	Salary January	With Tax	N.D. OASIS	Net Pay	Remarks
Baxter, Norman	Laborer	66.25	7.20	1.33	57.72	Working by the hour
Bjerke, Otto	Laborer	42.50	5.30	.85	36.35	" " " "
Haarsager, Alfred	Laborer	294.30	42.30	5.89	246.11	" " " "
Knutson, Lewis	Driller	183.15	26.40	3.67	153.08	" " " "
Markuson, Benhard	Laborer	345.55	49.00	6.91	289.64	" " " "
Rufsvold, Linas	Laborer	331.66	7.80	6.63	317.23	" " " "
Stasch, Johnny	Laborer	127.50	13.00	3.19	106.31	" " " "
Walterson, Hillard	Operator	252.53	34.00	5.04	213.49	" " " "